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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: July 14, 2003 (use as many sheets as necessary)				C m p l e t e if Known	
				Application Number	Unassigned
				Filing Date	06/26/2003
				First Named Inventor	Michael L. Dennis, et al.
				Group Art Unit	2661
				Examiner Name	Unassigned
				Attorney Docket Number	033337-0133
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
Aullah		6,088,152		Berger et al.	07/11/00	
		6,163,636		Stentz et al.	12/19/00	
		6,411,408		Dennis et al.	06/25/02	
		5,969,806		Bergano	10/19/99	
		6,188,823 B1		Ma	2/13/01	
		6,141,468		Kidorf et al.	10/31/00	
		6,137,604		Bergano	10/24/00	
		6,134,033		Bergano et al.	10/17/00	
		6,081,366		Kidorf et al.	6/27/00	
		6,052,219		Kidorf et al.	4/18/00	
		6,057,950		Bergano	5/2/00	
		6,310,709 B1		Bergano	10/30/01	
		6,320,884 B1		Kerfoot, III et al.	11/20/01	
		6,317,238 B1		Bergano et al.	11/13/01	
		5,946,119		Bergano et al.	8/31/99	
		6,311,002 B1		Evangelides et al.	10/30/01	
		6,292,288		Akasaka et al.	9/18/01	
		5,778,128		Wildeman	7/7/98	
		6,157,754		Sasaoka et al.	12/5/00	
		5,912,755		Bergano	6/15/99	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Signature	Akem Enayetullah	Date Considered	May 13 / 2004
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
Aullah		Golovchenko, et al., "Modeling of Transoceanic Fiber-Optic WDM Communication Systems", IEEE J. Of Selected Topics in Quantum Electronics, March/April 2000	
		Gautheron, "Terabit submarine links wrap the world in fiber", Subsea Networks, pages 29-32, March 2001	
		Lewis, et al., "Low-Noise High Gain Dispersion Compensating Broadband Raman Amplifier", OFC paper TuA2-1, pages 5-7	
		Knudsen, et al., "Optimisation of dispersion compensating fibres for cabled long-haul applications", Electronics Letters, volume 36, December 7, 2000	
		Bergano, "Undersea Amplified Lightwave Systems Design", Optical Fiber Telecommunications Volume III A, Chapter 10, 1997	
		Forghieri, et al., "Fiber Nonlinearities and Their Impact on Transmission Systems", Optical Fiber Telecommunications Volume III A, Chapter 8, 1997	
		Ando, et al., "Timing Jitter Characteristics of RZ Pulse Nonlinear Transmission on Dispersion Managed Fiber Link", IEICE Trans. Fundamental, Vol. E82-A., No. 10, October 1999	
		AT&T Technical Journal, January/February 1995, Vol. 74, Number 1	

Examiner Signature	Akram E. Ullah	Date Considered	May 13 2004
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